Use Case: Add Stops

## Brief Description

The goal of this use case is to add stops to an active trip, which will have been created previously from the Create a Trip Use case.

N/A

# Preconditions

User is authenticated and authorized.

User has at least one Active Trip

# Flow of Events

## Basic Flow – The Active Trip is accessed, and a stop is added

1. This use case begins when the user accesses the Create Trip page and has at least one Active Trip.
2. The user selects an active trip.
3. The system presents the active trip in a separate page
4. The user selects Add Stop,
5. The system presents a pop up which allows the user to add a new stop
6. The user is allowed to enter data into three fields, Name, Description and Comments.
7. The user selects the create & Check In button.
8. The use case ends.

## Alternative Flows

1. This alternative flow begins when the system detects nearby locations that have been previously added Reference step 5
2. The system presents the user with a list of previously added stops
3. The user selects a previously made stop
4. the user fills out a comment
5. The user selects the create & Check In button.
6. The use case ends.

## Exception Flows

E1: System determines any text field has not been filled

1. This flow begins when the system determines that there is an empty field. Reference: basic flow step 6 or alternate flow step 4.
2. The system presents a message telling the user that all fields must be filled out properly
3. The user is allowed to enter data into three fields, Name, Description and Comments.
4. The user selects the create & Check In button.
5. The use case ends.

# Requirements

### Presentation Requirements

1. The initial sort order for Existing stops is ascending order by Name.

# Post-conditions

1. *The system adds a stop to the selected Active Trip*

# Notes & Open Issues

Q1: Do we want to limit the number of stops per active trip?

A1: Add to future functionality to limit unwieldy trips.

# Out of Scope (Future Functionality)

Limit the number of stops per trip, this will be mainly a performance concern.